

Abstract

A method useful in the analysis of glycosylated proteins, in which a mixture containing glycosylated proteins and unglycosylated proteins is contacted with a resin that includes a nucleophile bound to a solid support via a linker. The contacting is performed under conditions sufficient to result in removal of the glycosyl group from the glycosylated proteins and to concomitantly result in the deglycosylated proteins covalently bound to the solid support. The deglycosylated proteins bound to the solid support may be rinsed to remove proteins that are not covalently bound to the solid support. The deglycosylated proteins are released from the solid support and may be subjected to further purification and/or analysis.